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Product Name: *MasterFlow 649 Grout PTA*

March 13, 2017

Material Ingredient Reporting for LEED v4, Option 1 Manufacturer Inventory

BASF Corporation, Construction Chemicals division certifies the following information for MasterFlow 649 Grout PTA - 30416144.

A complete content inventory for this product to 1,000 ppm is provided based on the addenda to Option 1 of the Building product disclosure and optimization – material ingredients credit released by the U.S. Green Building Council on April 5, 2016. The information generated is based on the BASF Product Compliance Management Process which has been third party audited by GreenCircle Certified, LLC (GreenCircle). GreenCircle has verified that BASF's Product Compliance Management System assesses the hazards of all the ingredients that make up a product, including impurities. This assessment has verified all hazard classification, assessment and communication is conducted within the provisions of North American countries' regulatory requirements.

1. Publicly available ingredients are identified by name and Chemical Abstract Service Registration Number (CASRN)
2. Ingredients defined as trade secret or intellectual property have been withheld; however, the role, amount and hazards based on screening for the levels of ingredients presented are reported on this page per the requirements of the Globally Harmonized System of Classification and Labelling of Chemicals rev. 6 (2015).

David Green

Applied Sustainability

BASF Corporation - Construction Chemicals



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| Publicly Available Ingredients | |
|--|----------------------|
| Substance Name | Substance CAS Number |
| bisphenol A-epichlorohydrin resin | 25068-38-6 |
| Oxirane,2,2'-[(2,2-dimethyl-1,3-propanediyl)bis(oxymethylene)]bis-furfuryl alcohol | 17557-23-2 |
| | 98-00-0 |

| Proprietary Ingredients | | |
|---------------------------------|---------------------------------|-------------------------------|
| Role for proprietary substances | Ingredient Amount (% by weight) | Hazard Category |
| Water repellent | <5% | Below GHS reporting threshold |